

TLT-1, A NOVEL PLATELET-ASSOCIATED RECEPTOR AND USES THEREFOR

Abstract of the Disclosure

5 The invention provides isolated nucleic acids molecules, designated TLT-1 nucleic acid
molecules, which encode novel inhibitory receptors expressed on platelets. The invention also
provides antisense nucleic acid molecules, recombinant expression vectors containing TLT-1
nucleic acid molecules, host cells into which the expression vectors have been introduced, and
nonhuman transgenic animals in which a TLT-1 gene has been introduced or disrupted. The
invention still further provides isolated TLT-1 proteins, fusion proteins, antigenic peptides and
10 anti-TLT-1 antibodies. Diagnostic methods utilizing compositions of the invention are also
provided.

15

BOS2_436994.1